

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
To access NASS reports – <http://www.usda.gov/nass/>



Issued April 17, 2006

Vol 06-07

For the week ending April 16, 2006

WEATHER GOOD FOR PLANTS AND ANIMALS

Agricultural Summary: Spring tillage and anhydrous application continued to progress last week. Most oat and CRP seeding reports were in Northern Iowa and corn planters were beginning to roll in the central and southern tiers of counties. There were reports of soggy spots in fields requiring farmers to work around the low areas. Some producers report having much of their corn planted while other producers are holding back to avoid compacting the soil.

There were 4.7 days **suitable for fieldwork**, compared to 3.3 days last year at this time. **Topsoil moisture** rated 4 percent very short, 11 percent short, 70 percent adequate, and 15 percent surplus across the state. **Subsoil moisture** rated 9 percent very short, 24 percent short, 56 percent adequate, and 11 percent surplus. Soil moisture levels were mostly adequate and slightly wetter than last year.

Field Crops Report: **Oats seedings** were 55 percent complete with only 5 percent emerged, well behind last year's progress of 85 percent seeded and 28 percent emerged. The five-year average is 12 percent emerged. **Corn planting** was beginning around the state with 3 percent planted compared to 5 percent last year and for the five-year average. **Primary seedbed preparations** were 46 percent complete compared to 64 percent last year and 55 percent for the five-year average. **Fertilizer applications**, at 70 percent, remain 11 percentage points behind last year but 3 percentage points ahead of the five-year average.

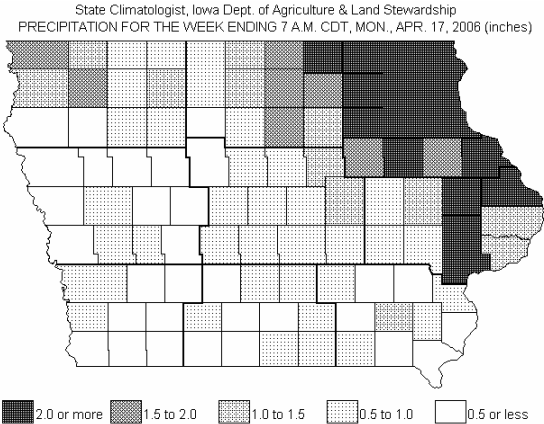
Livestock, Pasture and Range Report: **Pasture and range** condition is normal for this time of year rating 8 percent very poor, 9 percent poor, 35 percent fair, 40 percent good and 8 percent excellent. Pastures are greening up and becoming firmer. Weather has been good for spring calves and sheep. Only a few complaints about the unseasonably high temperatures as stress factors were received.

IOWA PRELIMINARY WEATHER SUMMARY

Iowa weather summary for the week ending 7 a.m. CDT, Monday, April 17, 2006: It was a very warm week across Iowa with several episodes of thunderstorms. Temperatures were well above normal through Saturday (15th) before cooling to only slightly warmer than normal on Sunday (16th). Daytime highs were in the 70's and 80's throughout the week excepting for a few low 90's on Thursday (13th) across the west while Sunday's highs were only in the 50's north to 70's far southeast. Temperature extremes for the week ranged from Thursday (13th) afternoon highs of 91 degrees at Glenwood, Little Sioux, Onawa, Shenandoah, Sioux Center and Sioux City to a Saturday (15th) morning low of 35 degrees at Elkader. Temperatures for the week as a whole averaged 16.1 degrees above normal.

Thunderstorms brought light rain to the southeast two-thirds of the state on Tuesday (11th) night with severe weather being reported from 11 counties in central and southwest Iowa. Thunderstorms erupted across central Iowa on Thursday (13th) evening and spread eastward through the night. Severe weather was reported from 23 counties with most reporting large hail. However, at least 12 tornadoes were also reported with greatest damage in Johnson and Muscatine Counties. Another round of storms began on Saturday (15th) afternoon bringing rain to all of the state along with hail and high winds to 14 southwestern Iowa counties. Showers and thunderstorms lingered across eastern Iowa on Sunday (16th) with a few isolated reports of large hail. Rainfall totals for the week varied from only 0.05 inches at Red Oak to 3.80 inches near Lansing in extreme northeast Iowa. The statewide average precipitation was 0.97 inches or just a little more than the weekly normal of 0.78 inches. Finally, soil temperatures at the four inch depth were averaging in the mid to upper 50's statewide as of Sunday (16th).

Statewide Crop Conditions as of April 16, 2006					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	8	9	35	40	8



Field Work and Crop Progress as of April 16, 2006													
Item	Districts									State	Last Week	Last Year	Nor- mal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Fertilizer application completed	58	74	60	75	80	69	77	75	57	70	61	81	67
Seedbed, primary preparation completed	40	39	36	47	61	39	58	51	43	46	30	64	55
Oats planted	48	45	47	72	81	56	61	54	52	55	19	85	61
Oats emerged	1	0	1	8	8	11	8	6	3	5	0	28	12

Days Suitable & Soil Moisture Condition as of April 16, 2006												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	4.3	4.5	3.9	5.5	4.9	4.3	5.5	5.2	4.2	4.7	2.0	3.3
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Very short	0	0	2	3	1	1	18	14	1	4	3	1
Short	0	1	6	10	11	9	25	34	6	11	8	8
Adequate	80	56	65	85	80	79	52	46	82	70	70	83
Surplus	20	43	27	2	8	11	5	6	11	15	19	8
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Very short	0	0	2	14	2	4	27	34	7	9	8	1
Short	0	2	20	41	16	39	32	43	23	24	24	13
Adequate	78	66	68	45	74	55	36	22	51	56	54	78
Surplus	22	32	10	0	8	2	5	1	19	11	14	8

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, April 16, 2006										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	87	41	62	19	0.52	-0.12	3.27	1.86	89	82
Sioux Center	91	44	67	20	0.96	0.40	2.29	1.03	117	100
Spencer	89	43	64	19	0.56	-0.07	2.03	0.68	99	88
Spirit Lake	85	43	64	21	0.46	-0.10	2.21	1.03	103	84
North Central District										
Britt	87	35	61	16	0.88	0.18	2.96	1.46	82	68
Humboldt	87	35	62	15	0.42	-0.28	1.68	0.15	89	78
Mason City	86	39	61	16	1.32	0.64	3.50	2.03	78	68
Osage	84	39	60	15	1.75	0.98	3.97	2.32	69	51
North East District										
Decorah	81	36	61	15	1.66	0.85	3.34	1.61	79	66
Dubuque	81	39	60	14	1.29	0.45	2.96	1.06	74	60
Elkader	85	23	58	12	1.02	0.28	1.97	0.37	62	37
Fayette	83	31	59	13	1.06	0.30	1.73	0.10	65	52
Waterloo	86	37	62	15	1.69	0.92	2.68	1.02	86	71
West Central District										
Carroll	89	33	62	16	0.43	-0.33	1.36	-0.29	89	74
Castana	88	31	63	14	0.36	-0.27	1.57	0.21	96	82
Guthrie Center	89	43	64	17	0.34	-0.42	1.66	0.00	102	83
Harlan	90	32	65	16	0.87	0.17	2.07	0.55	104	87
Jefferson	90	32	63	17	0.18	-0.58	1.11	-0.54	96	81
Logan	89	35	64	15	0.65	0.01	1.81	0.41	103	80
Rockwell City	90	27	62	14	0.49	-0.14	1.83	0.46	88	70
Sac City	89	34	63	17	0.44	-0.19	1.49	0.05	92	79
Sioux City	91	40	65	16	0.10	-0.41	0.96	-0.18	106	85
Central District										
Boone	89	38	63	16	0.96	0.19	2.09	0.42	93	77
Des Moines	89	46	67	18	0.31	-0.46	1.20	-0.52	119	96
Grundy Center	87	33	61	16	1.06	0.33	2.87	1.28	81	72
Marshalltown	87	43	63	17	0.59	-0.15	1.48	-0.16	95	80
Newton	88	35	63	15	0.41	-0.34	1.09	-0.53	92	74
Perry	89	37	64	17	0.36	-0.35	1.48	-0.07	98	83
Toledo	86	34	62	16	0.76	0.02	3.01	1.40	88	74
East Central District										
Cedar Rapids	86	41	62	15	0.91	0.16	2.12	0.47	88	72
Davenport	86	40	63	15	1.38	0.61	2.77	1.07	93	74
Iowa City	88	42	65	15	0.50	-0.35	2.23	0.36	105	80
Lowden	86	24	59	12	0.73	-0.16	1.80	-0.13	69	52
Maquoketa	84	28	58	12	1.36	0.59	2.49	0.82	67	53
Muscatine	86	31	62	12	2.38	1.55	4.02	2.20	89	78
South West District										
Atlantic	88	42	65	17	0.46	-0.24	1.75	0.23	106	90
Clarinda	90	27	64	16	0.40	-0.37	1.57	-0.10	104	86
Glenwood	91	44	67	17	0.56	-0.08	2.38	0.99	118	94
Red Oak	90	37	66	15	0.14	-0.66	2.00	0.26	111	85
Sidney	90	31	66	16	0.28	-0.42	1.81	0.25	112	89
South Central District										
Allerton	86	29	62	13	0.62	-0.15	1.41	-0.27	92	85
Beaconsfield	87	31	62	14	0.38	-0.39	0.94	-0.73	88	71
Chariton	88	40	62	14	0.20	-0.64	1.19	-0.62	85	67
Indianola	88	33	63	15	1.12	0.29	2.18	0.39	98	77
Leon	89	27	62	14	0.41	-0.40	1.10	-0.65	89	72
South East District										
Bloomfield	85	34	62	11	0.77	-0.03	1.86	0.08	89	60
Burlington	88	44	67	17	0.21	-0.61	2.81	1.00	123	98
Ottumwa	88	44	65	15	0.23	-0.53	1.74	0.08	107	83
Washington	87	42	63	12	0.27	-0.46	2.00	0.37	94	80

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
 Copyright 2006: AWIS, Inc. All Rights Reserved.